

Optional accessories for ELMO Visual Presenters / Document Cameras

Accessory	Code	Applicable Model
5.6" LCD monitor, LM-5611A (white)	#1102	EV/HV/P series
5.6" LCD monitor, LM-5611A (Charcoal Gray)	#1102-1	
Monitor shoe, MS-201	#9369	HV-5100XG/HV-7100SX
Monitor shoe, MS-30	#9339	P10/P30
Monitor shoe, MS-402	#9433	EV-2000AF
Monitor shoe, MS-500	#9449	EV-4400AF/HV-8000SX
Anti theft bracket	#9416-1	TT-02/TT-02u
	#9338-1	P10/P30
	#9330-1	HV-5100XG/HV-7100SX

Pan/Tilt/Zoom Communication Cameras



PTC-401C IP
#9760-6

Networkable, MPEG4/MJPEG dual streaming
12x optical zoom
350° pan / 210° tilt
Max. 100°/sec.
RS-485



PTC-100S
#9718-2

22x optical zoom
300° pan / 120° tilt
Max. 90°/sec.
RS-232C



PTC-110R
#9731-2


22x optical zoom
300° pan / 120° tilt
Max. 90°/sec.
RS-232C

For video-conferencing, monitoring, distance learning, etc.,
ELMO offers the top-quality, high-performance Pan/Tilt/Zoom communication cameras.

Design and specifications are subject to change without prior notice.
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Factory)'s QMS/EMS has been
registered to ISO 9001 & 14001 : 2004.



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Additional technical information is available from any of the following subsidiary companies;

ELMO

Visual Presenters
Document Cameras



Primary School



HV-110XG TT-02 / TT-02u



High Education



P100 P30



Legal & Business



HV-5100XG

ELMO Visual Presenters / Document Cameras

RGB output type



P100 *Going beyond - to give you all the ways, and power to communicate virtually anything*

NEW

- 1,3 mega-pixel progressive scan CMOS
- SXGA (1280 x 1024) & NTSC/PAL video
- Total 64x zoom (16x optical, 4x digital)
- Free angle camera with digital flip
- HDTV (720p) output with 16:9 TV monitors
- Built-in 3.5" LCD monitor
- 30 frames per second
- Clear text mode
- USB2.0
- Image Mate for Presentation (Windows/ Mac)
- Built-in SD Card slot
- OSD menu
- 18.7lbs



HV-8000SX *IP addressable SXGA network presenter*

- 1.5 mega-pixel progressive scan CCD
- SXGA (1280 x 1024) & NTSC/PAL video
- Total 20x zoom (10x optical, 2x digital)
- Controllable over the IP network
- OSD menu
- 23.2lbs



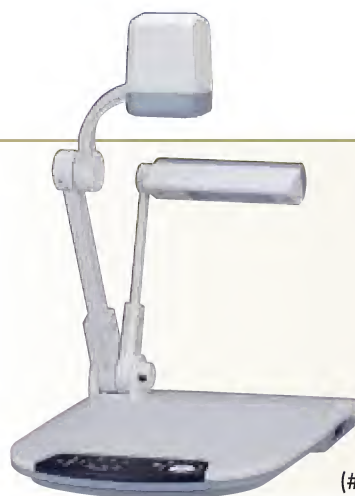
P30 *Smart design XGA presenter ideal for a diverse range of presentation applications*

- 850K pixel progressive scan CCD
- XGA (1024 x 768) & NTSC/PAL video
- Total 60x zoom (15x optical, 4x digital)
- Free angle camera and lamp arms
- Slide shooting adapter
- Built-in SD Card slot
- USB 2.0
- OSD menu
- 10.4lbs
- Image Mate for Presentation/Movie Creation (Windows)



HV-7100SX *The industry standard for high performance and resolution*

- 2.1 mega-pixel progressive scan CCD
- SXGA (1280 x 1024) & NTSC/PAL video
- Total 20x zoom (10x optical, 2x digital)
- Annotation
- Frame Accumulation Mode
- Split-Image Viewing
- 8 images internal storage
- OSD menu
- 22lbs
- Image mate software (Windows)



P10 *Entry model for exceptional quality and presentation*

- 850K pixel progressive scan CCD
- XGA (1024 x 768) & NTSC/PAL video
- Total 48x zoom (12x optical, 4x digital)
- Free angle camera and lamp arms
- Built-in SD Card slot
- USB 2.0
- OSD menu
- 10.4lbs



HV-5100XG *To the new stage, amazing 18x optical zoom XGA presenter ready*

- 850K pixel progressive scan CCD
- XGA (1024 x 768) & NTSC/PAL video
- Total 36x zoom (18x optical, 2x digital)
- Frame Accumulation Mode
- 8 images internal storage
- OSD menu
- 21.6lbs
- Image mate software (Windows/Mac)



RGB output type



TT-02/TT-02u *Teacher's Tool, Exciting visual technology for the Classroom !*

- 850K pixel progressive scan CCD
- XGA (1024 x 768) & NTSC/PAL video
- Total 42.4x zoom (5.3x optical, 8x digital)
- Free angle camera
- Microscope Viewing Mode
- Security lock
- Auto brightness control
- Removable stage
- USB2.0 (TT-02u only)
- Image Mate for Presentation (Windows/ Mac)(TT-02u only)
- OSD menu
- 6.6lbs

(#9416/#9418)

XGA

USB2.0

HV-110XG *Super compact and convenient design, offering clear images*

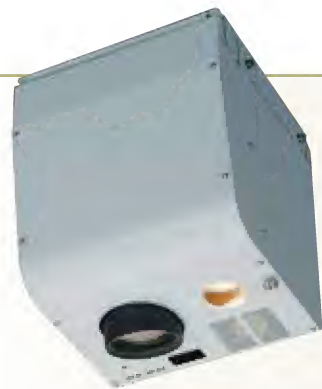


- 850K pixel progressive scan CCD
- XGA (1024 x 768)
- 4x digital zoom
- Easy Plug and Play connections
- No focus adjustment needed (FOCUSFREE)
- 3.3lbs

(#9336)

XGA

HV-C1000XG *Ceiling-mount type XGA presenter*



- 850K pixel progressive scan CCD
- XGA (1024 x 768) & NTSC/PAL video
- Total 24x zoom (12x optical, 2x digital)
- Reflection free lighting
- Frame Accumulation Mode
- 8 images internal storage
- OSD menu
- 14.3lbs
- Image mate software (Windows)

(#9335)

XGA

USB2.0

VIDEO output type



EV-4400AF *The most advanced full-futured video type visual presenter*

- 410K pixel IT scan CCD
- NTSC video
- Total 36x zoom (18x optical, 2x digital)
- Twin upper lights & baselight
- OSD menu
- 22.1lbs

(#9441)



EV-2000AF *High performance and extremely versatile by simple operation*

- 410K pixel IT scan CCD
- NTSC video
- Total 24x zoom (12x optical, 2x digital)
- Rotating camera head & flexible lighting arms (X-Y axis)
- Twin upper lights
- 13.2lbs

(#9430)

EV-200 *Compact, easy set-up easy fold*








- 410K pixel IT scan CCD
- NTSC video
- Easy Plug and Play connections
- No focus adjustment needed (FOCUSFREE)
- 3.3lbs



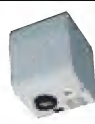



(#9456)

ELMO Visual Presenters / Document Cameras Specifications

* Design and specifications are subject to change without prior notice.

More Visual Presenters for
More Applications at
More Price Points

			RGB				
			Desk-top				
							
Model			P100	P30	P10	HV-8000SX	HV-7100SX
Camera	Image pick-up device		1/3" CMOS	1/3" PS CCD	1/3" PS CCD	1/2" PS CCD	1/1.8" PS CCD
	Pixels		1.3 mega	850K	850K	1.5 mega	2 mega
	Frame rate(fps)		30	20	20	7.5	15
	Resolution(RGB) Horizontal		800	600	600	800	900
	(Video) Horizontal		450	450	450	400	470
Optics	Optical Zoom		16x	15x	12x	10x	10x
	Digital Zoom		4x	4x	4x	2x	2x
	Auto Focus		●	●	●	●	●
Functions	White balance		●	●	●	●	●
	Negative/positive conversion		●	●	●	●	●
	Text mode		●	●	●	—	—
	Split screen		●	●	●	—	●
	Pause mode		●	●	●	●	●
	State presetting		●	●	●	●	●
	Image memory		●(SD card)	●(SD card)	●(SD card)	●(PC)	●
	Image rotation		●	●	●	●	●
	Drawing		—	—	—	—	●
	Microscope mode		—	—	—	—	—
Input/Output	Output(RGB)	SXGA	●	—	—	●	●
		XGA	●	●	●	●	●
	Output(Video)	Composite	●	●	●	●	●
		S-Video	—	●	●	●	●
	Output(HDTV)	720p	●	—	—	—	—
	Output(DVI)		●	●	●	—	—
	Input RGB		x1	x1	x1	x2	x2
Interface	Ethernet		—	—	—	●	—
	RS-232C		●	●	●	●	●
	USB port		●(2.0)	●(2.0)	●(2.0)	●	●(2.0)
Miscellaneous	Lighting	Base	●	—	—	●	●
		Upper	x1	x1	x1	x2	x2
	Remote	I/R(incl.)	●	●	●	●	●
		Mouse	—	—	—	●	●
	Weight		18.7lbs	10.4lbs	10.4lbs	23.2lbs	21.6lbs

		RGB			VIDEO		
		Portable		Ceiling	Desk-top		Portable
							
Model		TT-02 / TT-02u	HV-110XG	HV-C1000XG	EV-4400AF	EV-2000AF	EV-200
Image pick-up device		1/3" PS CCD	1/3" IT CCD	1/3" PS CCD	1/3" IT CCD	1/3" IT CCD	1/3" IT CCD
Pixels		850K	850K	850K	410K	410K	410K
Frame rate(fps)		20	20	20	30	30	30
Resolution(RGB) Horizontal (Video) Horizontal		600	600	600	—	—	—
		400	—	400	470	470	470
Optical Zoom		5.3x	—	12x	18x	12x	—
Digital Zoom		8x	4x	2x	2x	2x	—
Auto Focus		●	FOCUSFREE	●	●	●	FOCUSFREE
White balance		●	●	●	●	●	●
Negative/positive conversion		●	—	●	●	●	—
Text mode		●	—	—	—	—	—
Split screen		—	—	—	—	—	—
Pause mode		●	—	●	—	—	—
State presetting		●	—	●	●	—	—
Image memory		—	—	●	—	—	—
Image rotation		●	—	●	—	—	—
Drawing		—	—	—	—	—	—
Microscope mode		●	—	—	—	—	—
Output(RGB)	SXGA	—	—	—	—	—	—
	XGA	●	●	●	—	—	—
Output(Video)	Composite	●	●	●	●	●	●
	S-Video	—	—	●	●	●	●
Output(HDTV)	720p	—	—	—	—	—	—
Output(DVI)		—	—	—	—	—	—
Input RGB		x1	x1	—	—	—	—
Ethernet		—	—	—	—	—	—
RS-232C		—	—	●	●	●	—
USB port		●(2.0)	—	●(2.0)	—	—	—
Lighting	Base	—	—	—	●	—	—
	Upper	—	x1	x1	x2	x2	—
Remote	I/R(incl.)	—	—	●	●	●	—
	Mouse	—	—	●	●	—	—
Weight		6.6lbs	3.3lbs	14.3lbs	22.1lbs	13.2lbs	3.3lbs